

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK
GOVERNOR

TIMOTHY P. MURRAY
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD
SECRETARY

JOHN AUERBACH
COMMISSIONER

November 18, 2010

To: ADA Kevin Santos

From: Nicole E. Medina

RE: Commonwealth vs. [REDACTED]

Dear ADA Santos,

Enclosed you will find copies of the following documents that you requested regarding Drug Lab numbers [REDACTED]

1. Drug Analysis Laboratory Receipt.
2. Evidence Control card with analytical results.
3. Analysis sheet with chemist's hand notations and test results.
4. GC/Mass Spectral analytical data.


I was the primary custodial chemist for Lab # [REDACTED] I was the primary custodial chemist for Lab # [REDACTED] and Annie Dookhan was the GC/MS confirmatory chemist. Should you have any questions please do not hesitate to call me at 617-983-6630.

Sincerely,

A handwritten signature in black ink, appearing to read "Nicole E. Medina".

Nicole E. Medina
Chemist II
Drug Analysis Laboratory

cc: ASD, CBS

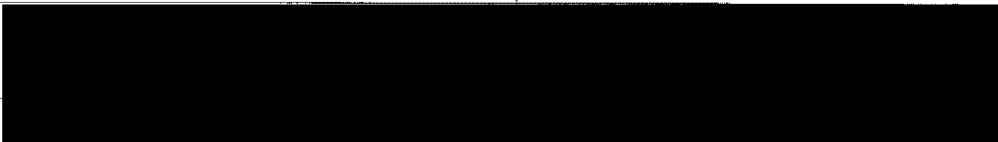
DRUG RECEIPTCC # 
BOOK # 170
PAGE # 183
DESTRUCTION # _____District/Unit B-3/CKVD
Name & Rank of Arresting Officer P.O. Conley / P.O. McNeil ID# 83575 / 86848

DEFENDANT'S NAME

ADDRESS

CITY

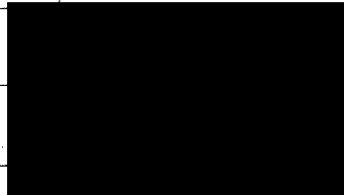
STATE

BostonMA

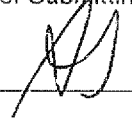
DESCRIPTION OF ITEMS SUBMITTED

GROSS
QUANTITYGROSS
WEIGHT

LAB USE ONLY

ANALYSIS
NUMBERClass A (Heroin)3 p/b's4.71 gmOxycarbonate8 p/b's10.37 gm

To be completed by ECU personnel only

Name and Rank of Submitting Officer  ID# 9370Received by  Date 7-23-10

ECU Control # _____

Curriculum Vitae

Annie Khan (Dookhan)

Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry

Experience:

2003 – present

Chemist II, Massachusetts Department of Public Health, Drug Analysis Laboratory

- *Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.
- *Appointed Assistant Analyst by Assistant Commissioner of Public Health, January 2004.
- *Responsible for the identification of drugs to determine violations of harmful and narcotic drug laws.
- *Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.
- *Maintenance and repairs of analytical instruments.
- *Maintain the Quality Control of analytical instruments and controls/standards.
- *Maintain the Quality Control/Quality Assurance program for the drug lab.
- *Notary Public
- *Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

- *Completed proficiency training conducted by a member of the staff within the Massachusetts Biologic Laboratory, Quality Control and Quality Assurance Department.
- *Routine QC testing of products for the FDA.
- *Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.
- *Calibration, preventive maintenance, QC and QA of analytical instrumentation.
- *Writing, revising and reviewing Standard Operating Procedures (SOPs).
- *Complete testing of chemicals for Vendor Validation Project for the FDA.
- *Method Development for creating new techniques for the QC Department.
- *Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

Additional Training:

Dept of Justice – Forensics Professionals

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with Massachusetts Biologic Laboratory and Sievers.

Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

Curriculum Vitae

Nicole E. Medina

Education

Bachelor of Science, Chemistry (1995)

Emmanuel College, Boston, MA

Research Project: (1994)

In-Vivo Mapping of Cocaine Metabolites in Biological Fluids

Conducted at Massachusetts State Police Crime Lab, Toxicology Department

Employment

Chemist II State Laboratory Institute (March 2008-Present)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substances and trafficking substances to determine violation of the Massachusetts drug laws
- Responsible for the identification of pharmaceuticals to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis

Chemist I State Laboratory Institute (2004-March 2008)

Massachusetts Department of Public Health

Drug Analysis Laboratory

- Responsible for the identification of substance to determine violation of the Massachusetts drug laws
- Operate analytical instrumentation, microscopes and balances for forensic drug analysis
- Successfully completed an eight week training in the analysis of drugs conducted by senior staff of the Department of Public Health, Drug Analysis Laboratory
- Appointed assistant analyst for the Department of Public Health, Drug Analysis Laboratory in 2005.

Research Associate

(September 2001 – October 2004)

Wolfe Laboratories, Newton & Watertown, MA

Laboratory Technician

(January 1996 - April 1997)

Gillette, Boston, MA

No. [REDACTED] Date Analyzed: 10-28-10
City: Boston D.C.U. Police Dept.
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: Subst: SUB
No. Cont: 3 Cont: pb
Date Rec'd: 07/23/2010 No. Analyzed: 1
Gross Wt.: 4.71 Net Weight: 0.22
Tests: 7DEM
• 2 ASD
Prelim: Cocaine (P) Findings: Cocaine

No. [REDACTED] Date Analyzed:
City: Boston D.C.U. Police Dept. 10-28-10
Officer: P.O. Diana Lopez
Def: [REDACTED]
Amount: 8.0 Subst: TAB
No. Cont: 1 Cont: pb
Date Rec'd: 07/23/2010 No. Analyzed:
Gross Wt.: 10.37 Net Weight:
Tests: 2ADL DEM
Prelim: Oxe Findings: Oxcarbazpine (E)

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

NEMNo. of samples tested: 1Evidence Wt. ✓**PHYSICAL DESCRIPTION:**Signed & Sealed3 PB's all similar
containing yellowed rock like
material.Gross Wt (3): 0.8764gmGross Wt (1): 0.3277gmPkg. Wt: 0.1039gmNet Wt: 0.2238gm**PRELIMINARY TESTS**Spot TestsCobalt
Thiocyanate (+) w/acidMarquis -Froehde's -Mecke's -Microcrystalline TestsGold
Chloride +TLTA (+) w/acidOTHER TESTS**PRELIMINARY TEST RESULTS**RESULTS CocaineDATE 10.20.10**GC/MS CONFIRMATORY TEST**RESULTS CocaineMS
OPERATOR ASDDATE 10.28.10

DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

Nem

No. of samples tested: _____

Evidence Wt. ✓

PHYSICAL DESCRIPTION:

Signed & Sealed

Gross Wt (): _____

Gross Wt (): _____

8 yellow tabs oval
Shaped w/ markings

Pkg. Wt: _____

Net Wt: 6.5301gm

(G |)

(13 | 9)

PRELIMINARY TESTS

Spot Tests

Cobalt
Thiocyanate () _____

Marquis _____

Froehde's _____

Mecke's _____

Microcrystalline Tests

Gold
Chloride _____

TLTA () _____

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS _____

DATE _____

GC/MS CONFIRMATORY TEST

RESULTS Oxcarbazpine

MS
OPERATOR _____

DATE 10.28.10

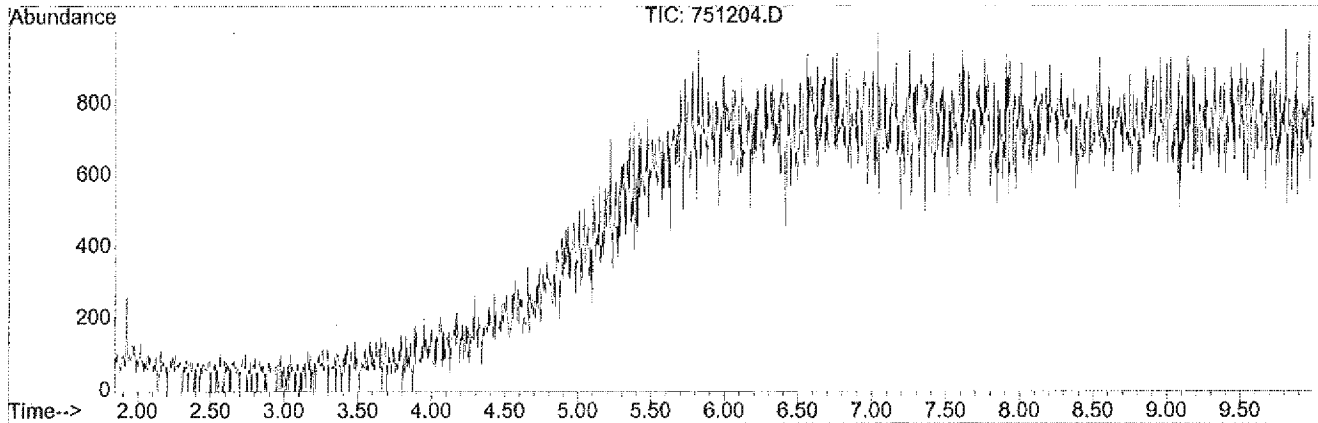
POISINDEX® Product List**Oxcarbazepine****Regulatory-Status:** RX**Ingredients****Active-Ingredient:** Oxcarbazepine - 600 MG**Excipients:** Hypromellose
Magnesium Stearate
Meglumine
Cellulose, Microcrystalline
Polyethylene Glycol
Titanium Dioxide
Silicon Dioxide, Colloidal
Crospovidone
Ferric Oxide, Yellow**Availability & Manufacturing****Availability:** United States**Available-Container-Sizes:** Bottle of 500; Bottle of 100**Contact:** Glenmark Generics**Product ID:** 6827757**AAPCC Code:** 077730 - Other Types of Anticonvulsant (Excluding Barbiturates)**Registry Numbers:** NDC 68462-139-05
NDC 68462-139-01**Physical Description****Imprints:** G - The tablet is engraved with G on one side of the deep break line on one side of the tablet and 13 & 9 on either side of the deep break line on the other side of the tablet.
13 9**Form:** Oral Tablet**Color:** Yellow**Shape:** Oval

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Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751204.D
Operator : ASD
Date Acquired : 27 Oct 2010 8:22
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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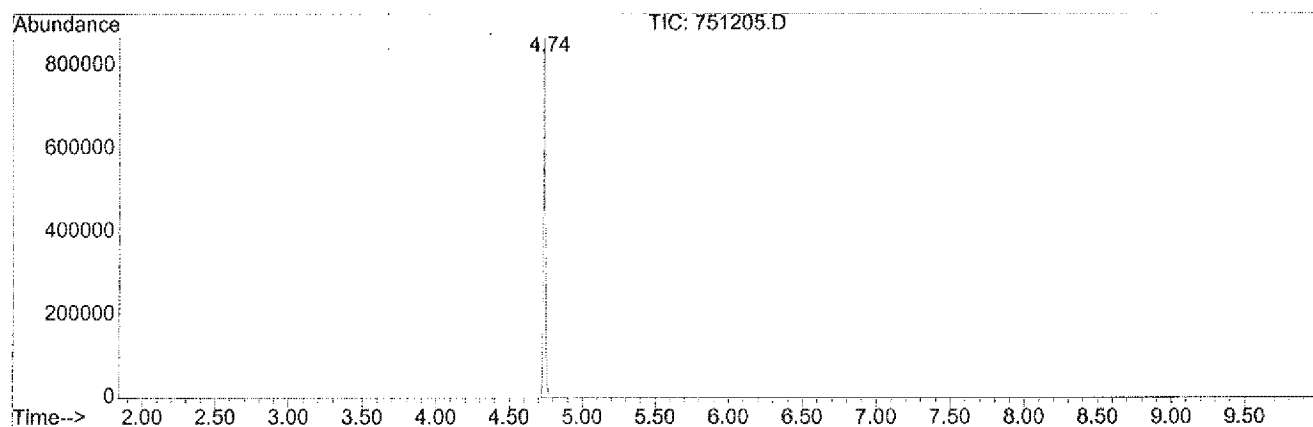
NO INTEGRATED PEAKS

✓ ASD
11-19-10

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751205.D
 Operator : ASD
 Date Acquired : 27 Oct 2010 8:35
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 5
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.736	897499	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

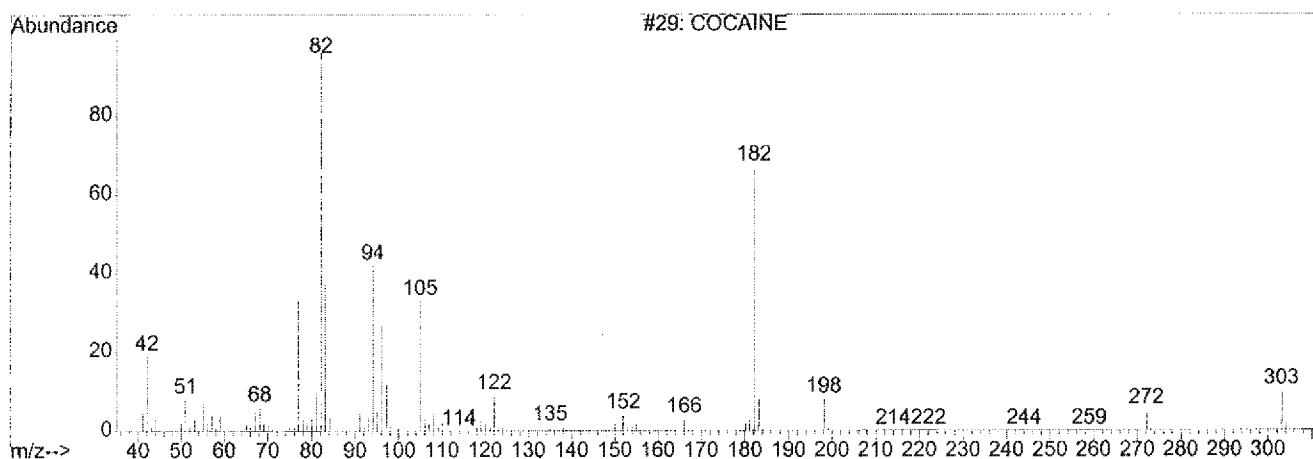
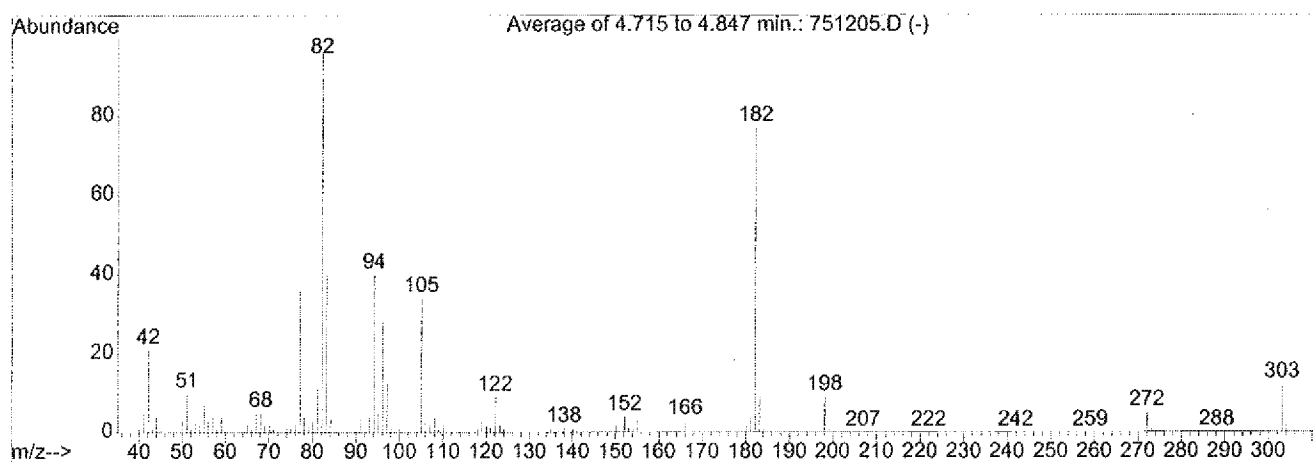
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File Name       : D:\SYSTEM4\10_27_10\751205.D
Operator        : ASD
Date Acquired   : 27 Oct 2010   8:35
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 5
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

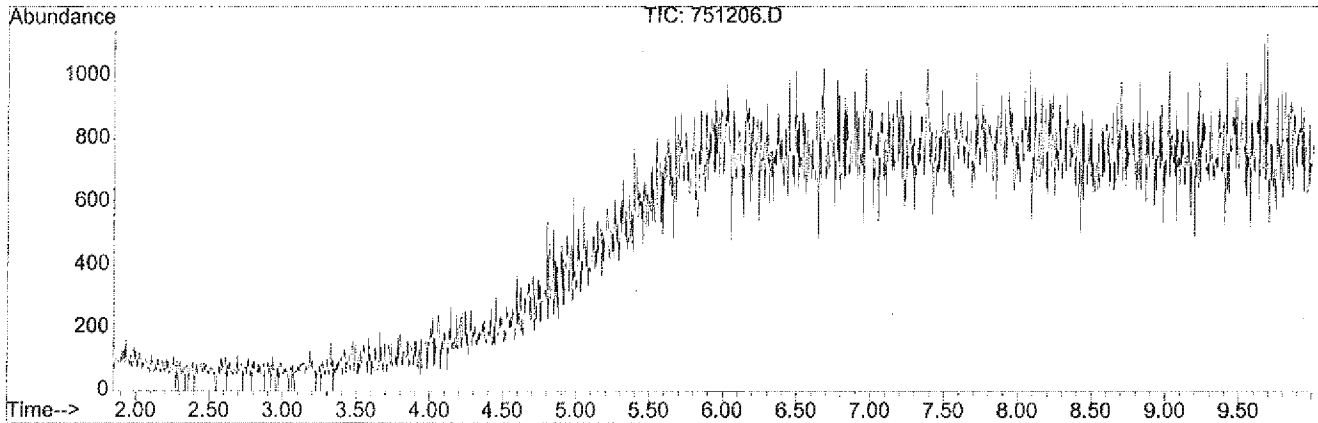
PK#	RT	Library/ID	CAS#	Qual
1	4.74	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751206.D
Operator : ASD
Date Acquired : 27 Oct 2010 8:49
Sample Name : BLANK
Submitted by : NEM
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



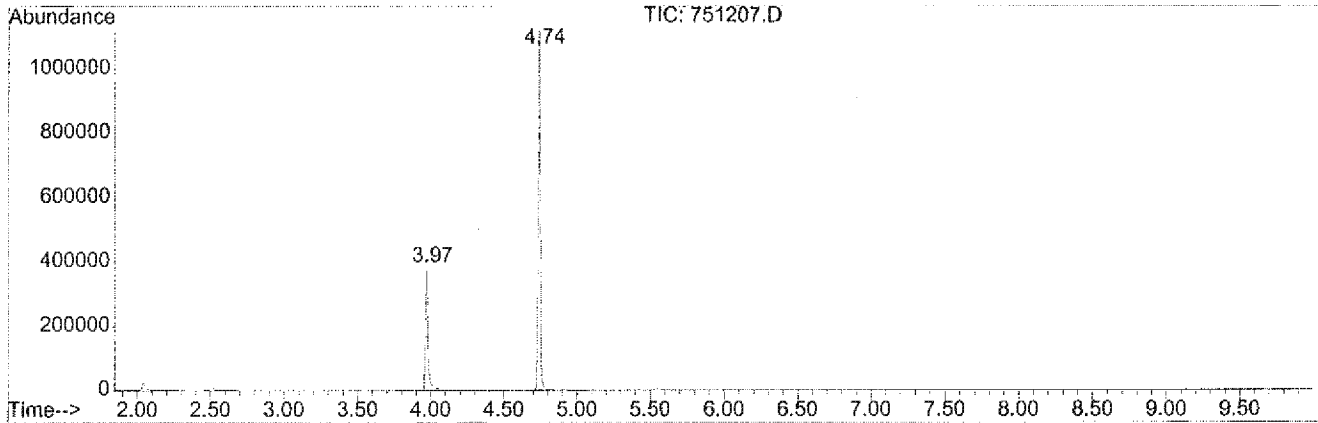
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751207.D
 Operator : ASD
 Date Acquired : 27 Oct 2010 9:02
 Sample Name : XXXXXXXXXX
 Submitted by : NEM
 Vial Number : 7
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
3.970	451753	27.83	38.56
4.737	1171486	72.17	100.00

Area Percent / Library Search Report

Information from Data File:

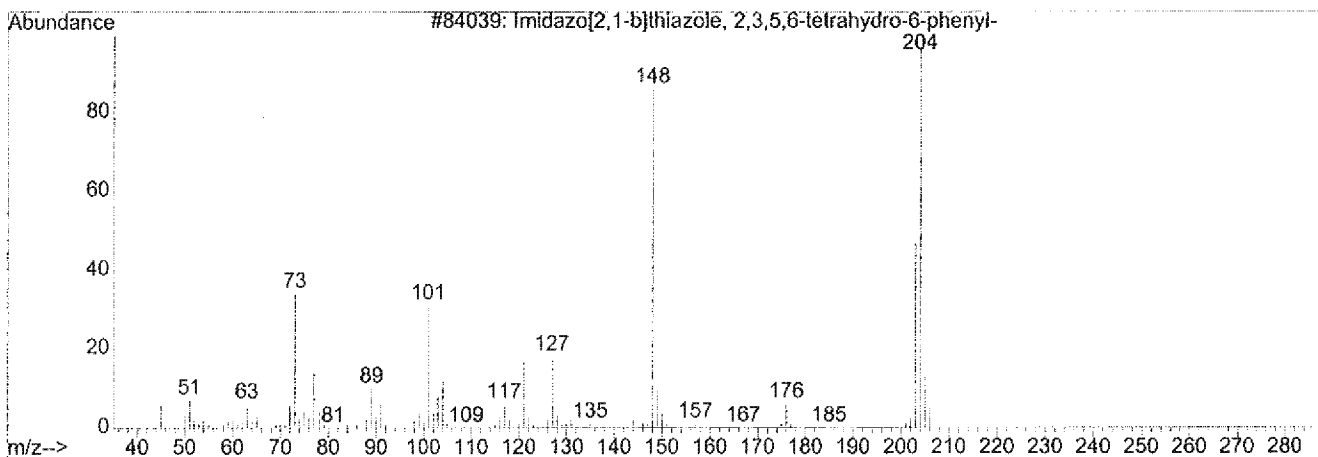
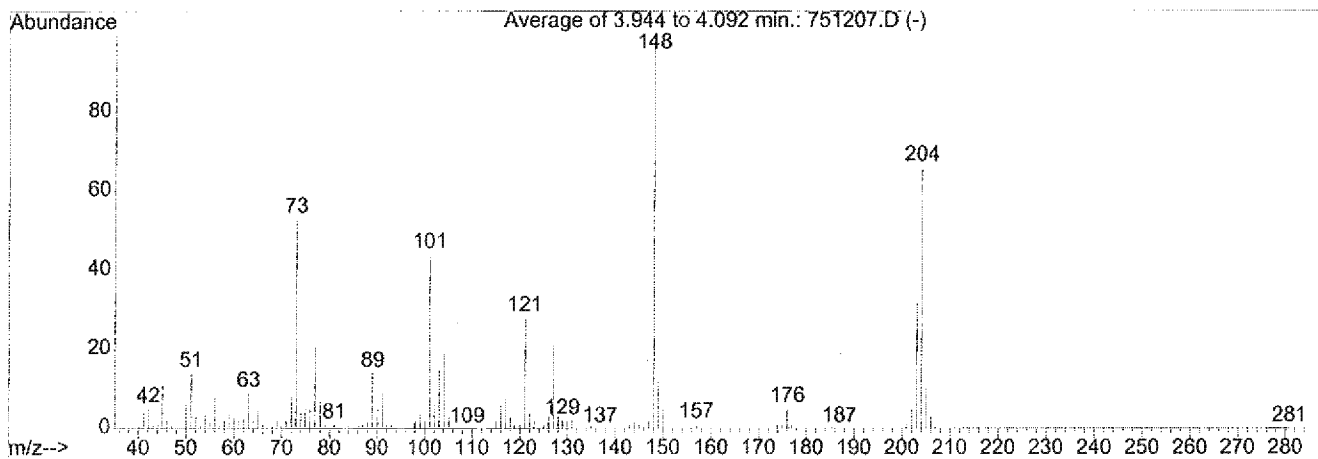
```

File Name       : D:\SYSTEM4\10_27_10\751207.D
Operator        : ASD
Date Acquired   : 27 Oct 2010   9:02
Sample Name     : 
Submitted by    : NEM
Vial Number     : 7
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	3.97	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98



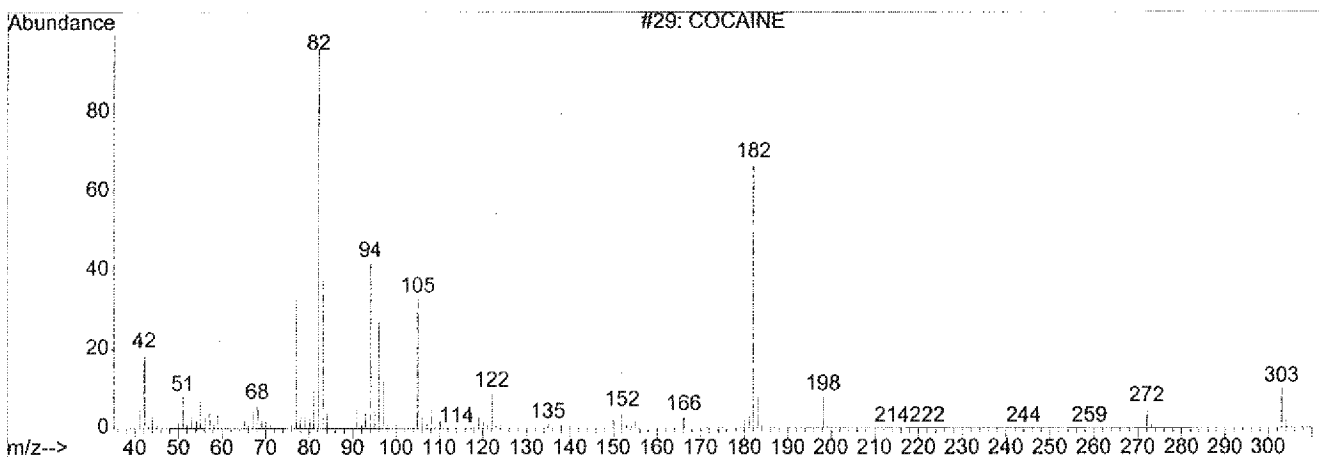
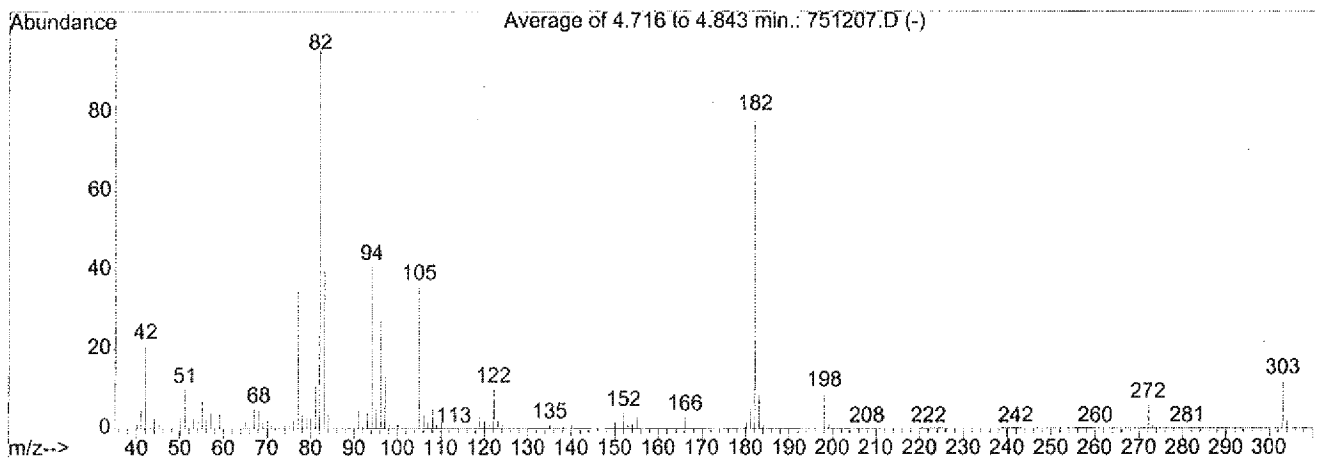
Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751207.D
 Operator : ASD
 Date Acquired : 27 Oct 2010 9:02
 Sample Name : XXXXXXXXXX
 Submitted by : NEM
 Vial Number : 7
 AcquisitionMeth: DRUGS
 Integrator : RTE

Search Libraries: C:\DATABASE\SLI.L Minimum Quality: 90
 C:\DATABASE\PMW_TOX2.L Minimum Quality: 90
 C:\DATABASE\NIST98.L

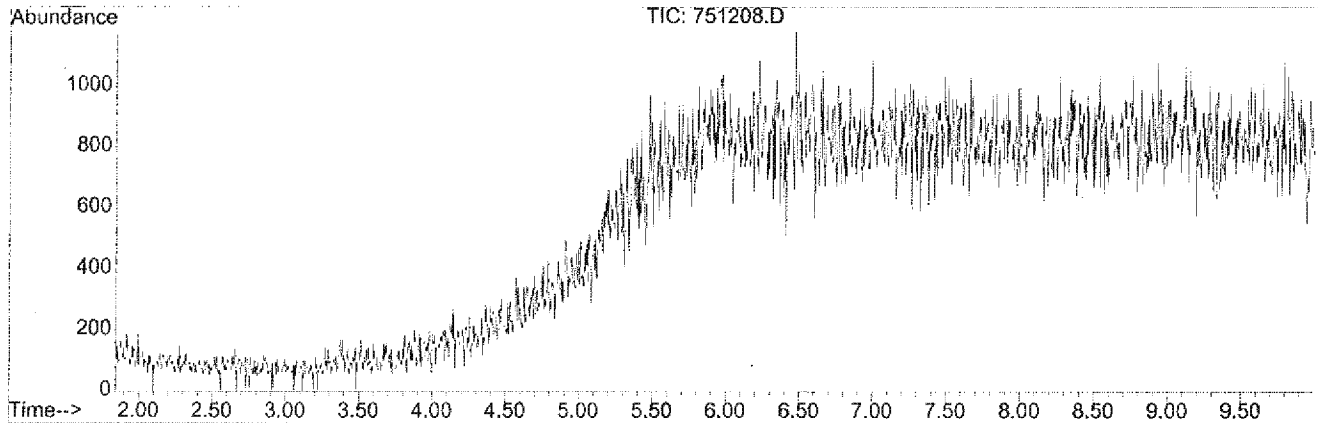
PK#	RT	Library/ID	CAS#	Qual
2	4.74	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751208.D
Operator : ASD
Date Acquired : 27 Oct 2010 9:16
Sample Name : BLANK
Submitted by : CBS
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



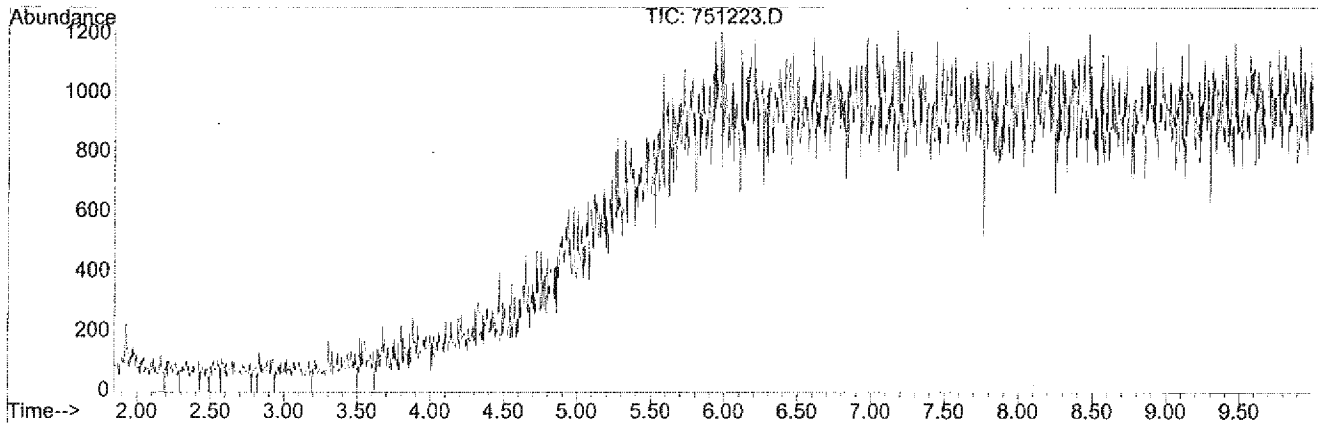
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751223.D
Operator : ASD
Date Acquired : 27 Oct 2010 14:06
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



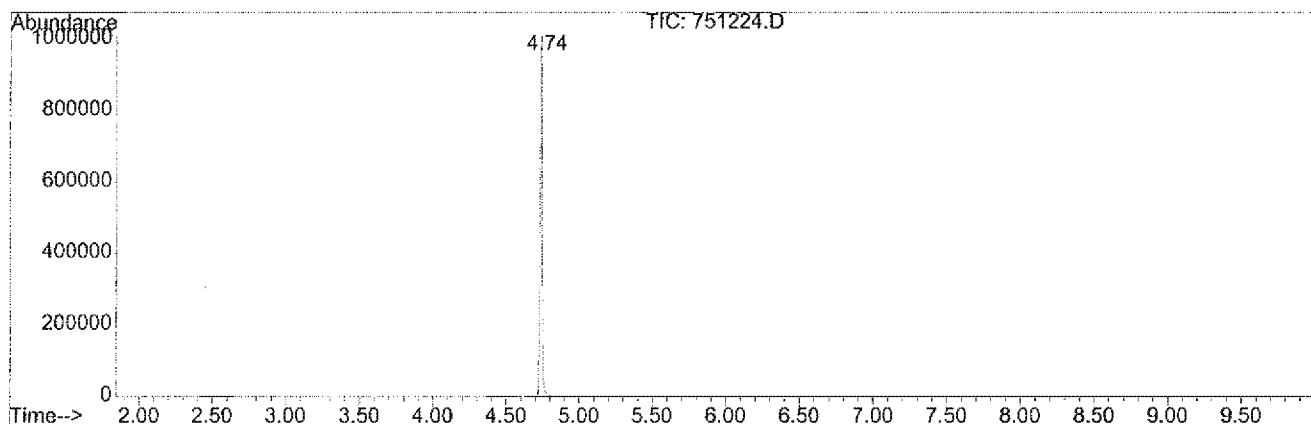
Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS

Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751224.D
 Operator : ASD
 Date Acquired : 27 Oct 2010 14:19
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 24
 AcquisitionMeth: DRUGS
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.737	986105	100.00	100.00

Area Percent / Library Search Report

Information from Data File:

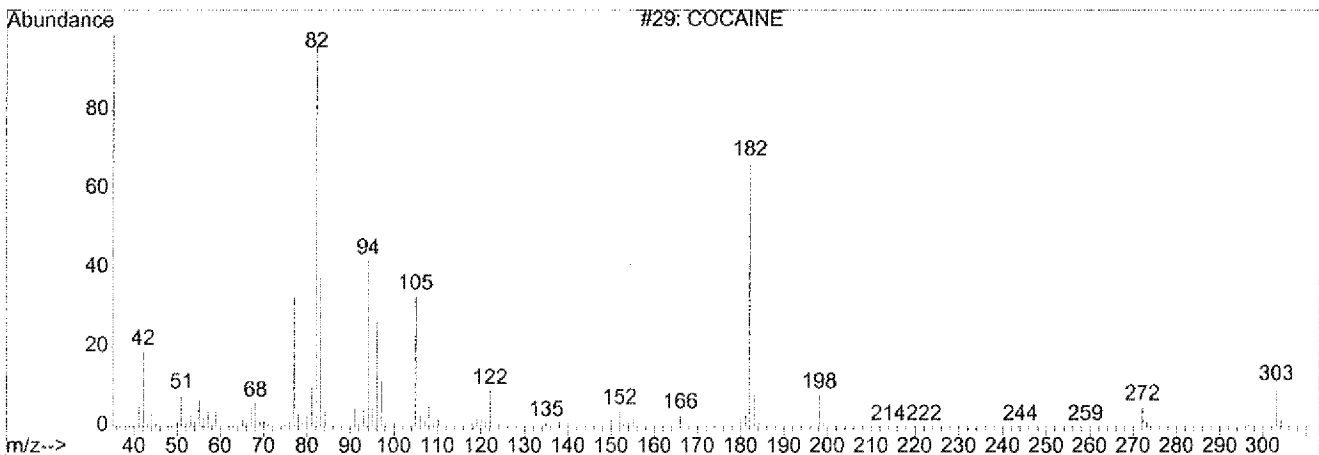
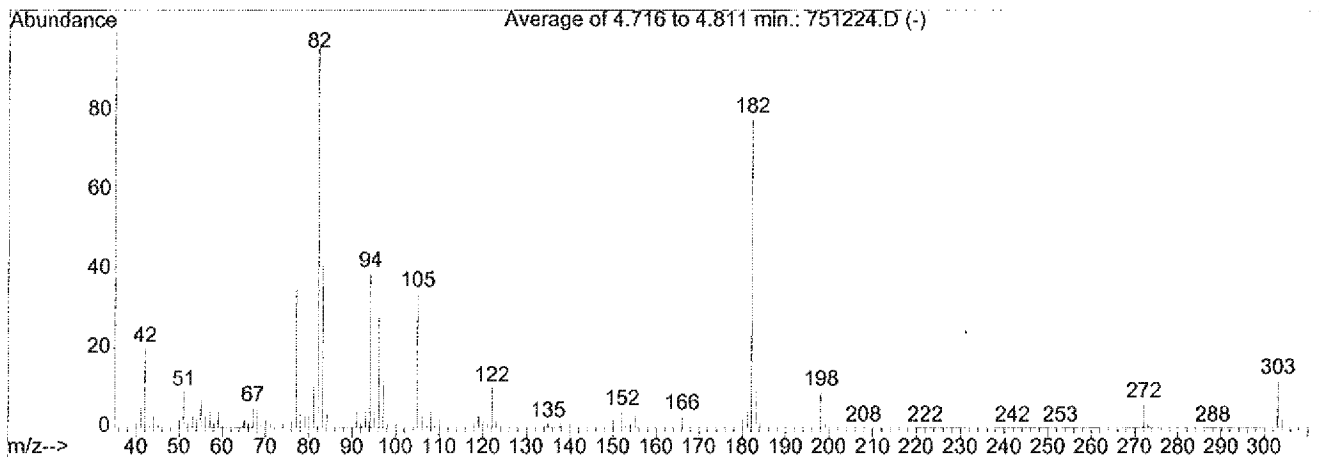
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File Name       : D:\SYSTEM4\10_27_10\751224.D
Operator        : ASD
Date Acquired   : 27 Oct 2010  14:19
Sample Name     : COCAINE STD
Submitted by    :
Vial Number     : 24
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 90
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

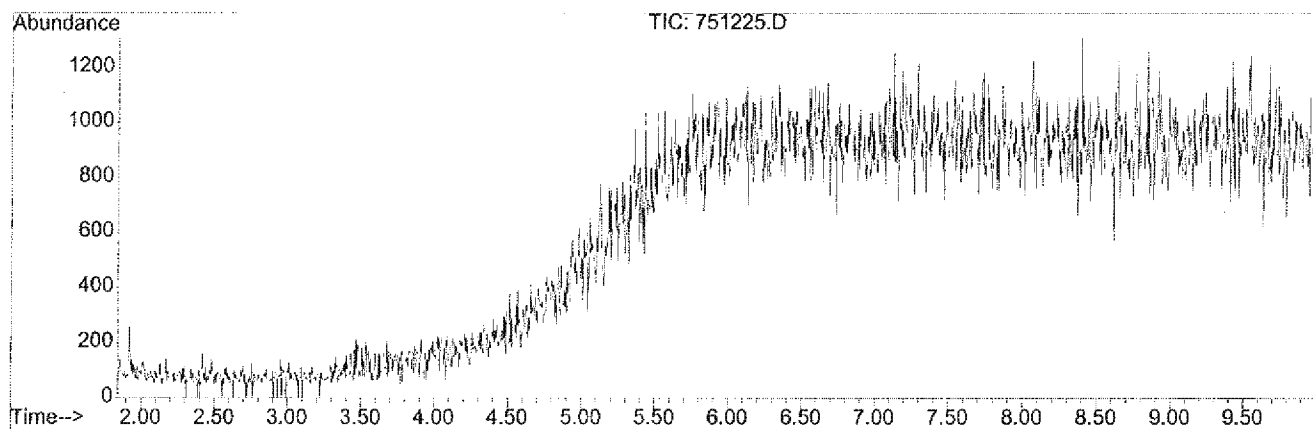
PK#	RT	Library/ID	CAS#	Qual
1	4.74	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



Area Percent / Library Search Report

Information from Data File:

File Name : D:\SYSTEM4\10_27_10\751225.D
Operator : ASD
Date Acquired : 27 Oct 2010 14:33
Sample Name : BLANK
Submitted by : SLD
Vial Number : 1
AcquisitionMeth: DRUGS
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
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NO INTEGRATED PEAKS